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1 Form PTO-1449 (modified)

**List of Patents and Publications
For Applicant's Information
Disclosure Statement**

(Use several sheets if necessary)

ATTY. DOCKET NO.
DEKM:055/PAR

SERIAL NO.
08/113.561

APPLICANT
Adams et al.

FILING DATE
August 25, 1993

GROU
1804

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

EXAM. INIT.	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

OTHER ART (Author, Title, Journal, Volume, Pertinent Pages, & Date)

EXAMINER

DATE CONSIDERED

5/7/04

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#54

Sheet 1 of 1

Form 1476 (Rev. 1-2000)

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT
(Use several sheets if necessary)

Atty. Docket No.: 950.033US1

Serial No. 08/113,561

Applicant: Thomas R. Adams

Filing Date: August 25, 1993

Group: 1804 / 1638

U.S. PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
DJF	5,668,292	09/16/1997	Somerville et al.	800	205	09/26/94
J	6,258,999	07/10/2001	Tomes et al.	800	300.1	05/16/95

FOREIGN PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No

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*Substitute Disclosure Statement Form (PTO-1449)

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Form 1449*	Atty. Docket No.: 950.033US1	Serial No. 08/113,561
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	
	Applicant: Thomas R. Adams et al.	Filing Date: August 25, 1993
		Group: 1804 1638

U. S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>considered but not appropriate for printing</i>						
	07/392,176		Adams et al.			08/09/89
	07/513,298		Adams et al.			04/17/90
DJF	4,520,113	05/28/1985	Gallo et al.	436	504	04/23/84
	4,536,475	08/20/1985	Anderson	435	172.3	10/05/82
	4,559,301	12/17/1985	Turner et al.	435	76	03/03/83
	4,559,302	12/17/1985	Ingolia	435	172.3	11/01/82
	4,642,411	02/10/1987	Hibberd et al.	800	1	02/21/85
	4,708,818	11/24/1987	Montagnier et al.	435	5	10/08/85
	4,743,548	05/10/1988	Crossway et al.	435	172.3	08/01/85
	4,885,357	12/05/1989	Larkins et al.	530	373	04/21/88
	4,886,878	12/12/1989	Larkins et al.	536	26	11/22/88
	4,945,050	07/31/1990	Sanford et al.	435	172.1	11/13/84
	4,956,282	09/11/1990	Goodman et al.	435	69.51	07/29/85
	5,013,658	05/07/1991	Dooner et al.	435	172.3	05/13/88
	5,036,006	07/30/1991	Sanford et al.	435	170.1	08/17/89
	5,077,399	12/31/1991	Brauer et al.	536	27	04/27/90
	5,082,767	01/21/1992	Hatfield et al.	435	6	02/27/89
	5,097,093	03/17/1992	Vandeventer et al.	800	200	08/30/89
	5,134,074	07/28/1992	Gordon et al.	435	240.4	03/23/90
	5,145,777	09/08/1992	Goodman et al.	435	172.3	05/09/91
	5,164,310	11/17/1992	Smith et al.	435	172.3	02/05/91
	5,187,267	02/16/1993	Comai et al.	536	23.1	06/19/90
	5,196,342	03/23/1993	Donovan	435	320.1	12/18/90
	5,215,912	06/01/1993	Hoffman	435	240.4	08/14/89
	5,231,020	07/27/1993	Jorgensen et al.	435	172.3	03/29/90
	5,240,841	08/31/1993	Johnston et al.	435	172.3	03/25/92
	5,254,799	10/19/1993	De Greve et al.	800	205	07/23/90
	5,272,072	12/21/1993	Kaneko et al.	435	172.3	10/30/91
	5,273,894	12/28/1993	Strauch et al.	435	129	11/20/91
	5,276,268	01/04/1994	Strauch et al.	800	205	07/29/91
	5,278,325	01/11/1994	Strop et al.	554	12	07/30/90
	5,310,667	05/10/1994	Eichholtz et al.	435	172.3	07/17/89
	5,350,689	09/27/1994	Shillito et al.	435	240.47	03/01/93
	5,352,605	10/04/1994	Fraley et al.	435	240.4	10/28/93
	5,367,110	11/22/1994	Galili et al.	800	205	11/13/91
	5,371,003	12/06/1994	Murry et al.	435	172.3	09/23/93
	5,371,015	12/06/1994	Sanford et al.	435	287	01/09/91
	5,380,831	01/10/1995	Adang et al.	536	23.71	05/03/93

Examiner *[Signature]* Date Considered 5/17/94

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Form 1449*

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DJF	5,384,253	01/24/1995	Krzyzek et al.	435	172.3	12/28/90
	5,405,765	04/11/1995	Vasil et al.	435	172.3	08/23/91
	5,422,254	06/06/1995	Londesborough et al.	435	97	02/28/92
	5,436,389	07/25/1995	Pfund	800	200	12/07/93
	5,436,393	07/25/1995	Rocha-Sosa et al.	800	205	12/22/92
	5,451,513	09/19/1995	Maliga et al.	435	172.3	08/25/93
	5,464,763	11/07/1995	Schilperoort et al.	435	172.3	12/23/93
	5,472,869	12/05/1995	Krzyzek et al.	435	240.4	06/08/94
	5,484,956	01/16/1996	Lundquist et al.	800	205	04/11/90
	5,489,520	02/06/1996	Adams et al.	435	172.3	04/26/94
	5,491,288	02/13/1996	Chaubet et al.	800	205	05/09/94
	5,495,071	02/27/1996	Fischhoff et al.	800	205	06/04/93
	5,500,365	03/19/1996	Fischhoff et al.	435	240.4	10/09/92
	5,508,468	04/16/1996	Lundquist et al.	800	205	08/03/94
	5,516,668	05/14/1996	Matuta	435	172.3	11/24/93
	5,538,877	07/23/1996	Lundquist et al.	435	172.3	11/10/92
	5,538,880	07/23/1996	Lundquist et al.	435	172.3	05/26/94
	5,545,545	08/13/1996	Gengenbach et al.	435	172.3	04/27/93
	5,550,318	08/27/1996	Adams et al.	800	205	08/09/90
	5,554,798	09/10/1996	Lundquist et al.	800	205	05/15/95
	5,559,223	09/24/1996	Falco et al.	536	23.1	02/03/94
	5,561,236	10/01/1996	Leemans et al.	800	205	05/17/90
	5,563,324	10/08/1996	Tarczynski et al.	800	205	01/25/94
	5,565,347	10/15/1996	Fillatti et al.	435	172.3	08/30/93
	5,567,600	10/22/1996	Adang et al.	536	23.71	01/06/95
	5,567,862	10/22/1996	Adang et al.	800	205	01/06/95
	5,576,203	11/19/1996	Hoffman	435	172.3	06/07/95
	5,578,702	11/26/1996	Adang	530	350	11/10/93
	5,580,716	12/03/1996	Johnston et al.	435	5	11/17/94
	5,589,615	12/31/1996	De Clercq et al.	800	205	04/18/94
	5,589,616	12/31/1996	Hoffman	800	205	07/25/94
	5,591,616	01/07/1997	Hiei et al.	435	172.3	05/03/94
	5,593,963	01/14/1997	Van Ooijen et al.	514	12	11/02/93
	5,595,733	01/21/1997	Carswell et al.	424	93.21	05/22/95
	5,596,131	01/21/1997	Horn et al.	800	205	06/07/95
	5,623,067	04/22/1997	Vanderkerckhove et al.	536	24.1	06/02/95
	5,625,136	04/29/1997	Koziel et al.	800	205	09/25/92
	5,641,664	06/24/1997	D'Halluin et al.	435	172.3	06/23/93

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DF	5,641,876	06/24/1997	McElroy et al.	536	24.1	10/27/93
	5,677,474	10/14/1997	Rogers	800	205	06/07/95
	5,693,507	12/02/1997	Daniell et al.	435	172.3	07/20/94
	5,743,477	04/28/1998	Walsh et al.	424	94.6	08/27/92
	5,773,691	06/30/1998	Falco et al.	800	205	06/07/95
	5,780,708	07/14/1998	Lundquist et al.	800	205	03/20/96
	5,780,709	07/14/1998	Adams et al.	800	205	01/19/96
	5,874,265	02/23/1999	Adams et al.	435	172.3	05/23/95
	5,919,675	07/06/1999	Adams et al.	435	172.3	05/23/95
	5,969,213	10/19/1999	Adams et al.	800	205	05/23/95

FOREIGN PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No
DF	/ 0 126 537	11/28/1984	European	A61K	9/52	
	/ 0 142 924	05/29/1985	European	C12N	15/00	
	/ 0 154 204	09/11/1985	European	C12N	15/00	
	/ 0 174 791	03/19/1986	European	C12N	15/00	
	/ 0 189 707	08/06/1986	European	C12N	15/00	
	/ 0 269 601	06/01/1988	European	C12N	15/00	
	/ 0 271 408	06/15/1988	European	C12N	15/00	
	/ 0 275 069	07/20/1988	European	C12N	15/00	
	/ 0 331 083	09/06/1989	European	C12N	15/00	NOT TRANSLATED
	/ 0 334 539	09/27/1989	European	C12N	15/00	
	/ 0 335 528	10/04/1989	European	C12N	15/00	
	/ 0 359 472	03/21/1990	European	C12N	15/32	
	/ 0420358	04/03/1991	European	C12N	15/55	
	/ 2,032,443	06/20/1991	Canada	C12N	15/87	
	/ 3738874	11/17/1988	Germany	A01H	1/06	NOT TRANSLATED
	/ 61-134343	06/21/1986	Japan			ABSTRACT ONLY
	/ 85/01856	05/09/1985	PCT	A01B	76/00	
	/ 85/02972	07/18/1985	PCT	A01C	1/06	
	/ 86/01536	03/13/1986	PCT	C12N	15/00	
	/ 86/03776	07/03/1986	PCT	C12N	15/00	
	/ 87/04181	07/16/1987	PCT	C12N	1/00	
	/ 88/08034	10/20/1988	PCT	C12P	21/00	
	/ 8801444	01/02/1990	Netherlands	C12N	15/87	NOT TRANSLATED
	/ 89/10396	11/02/1989	PCT	C12N	5/00	
	/ 89/11789	12/14/1989	PCT	A01H	1/00	

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DF	90/01551	02/22/1990	PCT	C12N	15/82	
	90/01869	03/08/1990	PCT	A01H	1/04	
	90/10691	08/20/1990	PCT	C12N	5/00	
	91/04270	04/04/1991	PCT	C07K	13/00	
	91/04323	04/04/1991	PCT	C12N	9/10	
	92/14822	09/03/1992	PCT	C12N	15/29	
✓	92/17580	10/15/1992	PCT	C12N	05/10	
	93/06220	04/01/1993	PCT	C12N	15/82	
	93/09237	05/13/1993	PCT	C12N	15/82	

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

DF	International Search Report, PCT/US97/00978, (mailed July 22, 1997).
DF	Pioneer Hi-Bred International, Inc., Application Under 7 C.F.R. 340, Release of Genetically Engineered Corn Plants, Permit No. 92-174-02, NO CBI, p.8, (Nov. 3, 1992).
✓	Pioneer Hi-Bred International, Inc., Application for Release in the Environment Under 7 CFR 340, Permit No. 92-022-03, NO CBI COPY, entitled "Corn Plants Genetically Engineered to Express Wheat Germ Agglutinin (WGA) Genes, In Order to Confer Resistance t, p.11, (May 4, 1992).
✓	Pioneer Hi-Bred International, Inc., Application Under 7 C.F.R. 340, Release of Genetically Engineered Corn Plants, Permit No. 92-330-01, CBI-DELETED, p.13, (Apr. 13, 1993).
✓	European Patent Office, Notice of European Publication Number and Information on the Application of Article 67(3) EPC, for European Patent No. 0 485 506, 1 p., (Apr. 13, 1992).
✓	Pioneer Hi-Bred International, Inc., Application Under 7 C.F.R. 340, Release of Genetically Engineered Corn Plants, Permit No. 92-212-01, CBI-DELETED, p. 11, (Nov. 16, 1992).
✓	European Patent Office, Decision T153/88 (Stahlwerke Peine-Salzgitter/Hot strip) Issued by Technical Board of Appeal 3.3.3 on 9 January 1991 (Not Published in the Official Journal): English Translation from [1997] EPOR, 371-378, (1997).

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OTHER DOCUMENTS**Examiner
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(Including Author, Title, Date, Pertinent Pages, Etc.)

<i>DDF</i>	<u>International Search Report, PCT/US97/00983, (mailed June 12, 1997).</u>
	<u>Abstracts, 35th Annual Maize Genetics Conference, St. Charles, IL, p. 5, 30, 45-46, (Mar. 18-21, 1993).</u>
	<u>In Vitro Cellular & Developmental Biology, 21, Program Issue: Thirty-Sixth Annual Meeting of the Tissue Culture Association, New Orleans, LA (1985).</u>
	<u>In Vitro Cellular & Developmental Biology, 23, Program Issue: Thirty-Eighth Annual Meeting of the Tissue Culture Association, Washington, D.C. (1987).</u>
	<u>In Vitro Cellular & Developmental Biology, 24, Program Issue: Thirty-Ninth Annual Meeting of the Tissue Culture Association, Las Vegas, NV (1988).</u>
	<u>In Vitro Cellular & Developmental Biology, 25, Program Issue: Fortieth Annual Meeting of the Tissue Culture Association, Orlando, Fl (1989).</u>
	<u>In Vitro Cellular & Developmental Biology, 26, Program Issue: Forty-First Annual Meeting of the Tissue Culture Association, Houston, TX (1990).</u>
	<u>"BioTechnica Applies for Field Test of Genetically Engineered Corn", Genetic Technology News, 10, (Mar., 1990).</u>
	<u>"Ciba-Geigy Joins Maize Transformers", AGROW, No. 118, 20, (Aug. 31, 1990).</u>
	<u>"European Firm Devises Insect-Resistant Plants", Agricultural Biotechnology News, 1, 6, (Mar.-Apr., 1986).</u>
	<u>"Herbicide-Resistant Corn", Connecticut Academy of Science and Engineering, Case Reports, 5, 6, (1990).</u>
	<u>"Keystone Crops", Agricultural Genetics Report, (March/April, 1990)</u>
	<u>"Molecular Strategies for Crop Improvement", Journal of Cellular Biochemistry, Supplement 14e, List of Plenary and Poster Sessions, organized by Arntzen, C., et al., for The Keystone Conference on Molecular Strategies for Crop Plant Improvement, held at the 19th UCLA Symposia, 257, (April 16-22, 1990).</u>
<i>✓</i>	<u>"Monsanto, DeKalb Gunning for Insect-, Disease-Resistant Corn", Biotechnology Newswatch, 4-5, (May 7, 1990).</u>

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Date Considered

5/7/94

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OTHER DOCUMENTS

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**Examiner
Initial

<i>DDF</i>	"Office Action dated March 8, 1990", <u>Goldman et al., USSN 06/880,271, filed 6/30/86.</u>
	"Office Action dated May 30, 1989", <u>Goldman et al., USSN 06/880,271, filed 6/30/86.</u>
	"Plant Science Produces Transformed Corn", <u>Chemical and Engineering News</u> , 7, (Jan. 29, 1990).
	Abbe, E.C., et al., "The Growth of the Shoot Apex in Maize: Embryogeny", <u>American Journal of Botany</u> , 41, 285-293, (Apr., 1954).
	Abe, K., et al., "Molecular Cloning of a Cysteine Proteinase Inhibitor of Rice (Oryzacystatin)", <u>The Journal of Biological Chemistry</u> , 262, 16793-16797, (Dec. 15, 1987).
	Adang, M.J., et al., "Characterized Full-Length and Truncated Plasmid Clones of the Crystal Protein of <i>Bacillus thuringiensis</i> subsp. <i>kurstaki</i> HD-73 and Their Toxicity to <i>Manduca sexta</i> ", <u>Gene</u> , 36, 289-300, (1985).
	Adang, M.J., et al., "Expression of a <i>Bacillus thuringiensis</i> Insecticidal Crystal Protein Gene in Tobacco Plants", <u>Molecular Strategies for Crop Protection</u> , Arntzen, C.J., et al. (eds.), Alan R. Liss, Inc., New York, 345-353, (1987).
	Akella, V., et al., "Expression in Cowpea Seedlings of Chimeric Transgenes after Electroporation into Seed Derived Embryos", <u>Plant Cell Rep.</u> , 12, 110-117, (1993).
	Al-Feel, W., et al., "Cloning of the Yeast <i>FAS3</i> Gene and Primary Structure of Yeast Acetyl-CoA Carboxylase", <u>Proc. Natl. Acad. Sci. USA</u> , 89, 4534-4538, (May, 1992).
	Anderson, J.M., et al., "The Encoded Primary Sequence of a Rice Seed ADP-glucose Pyrophosphorylase Subunit and Its Homology to the Bacterial Enzyme", <u>The Journal of Biological Chemistry</u> , 264, 12238-12242, (July 25, 1989).
<i>V</i>	Anderson, P.C., et al., "Herbicide-Tolerant Mutants of Corn", <u>Genome</u> , 31, 994-999, (1989).

Examiner

David

Date Considered

5/7/04

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OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner
Initial

- DJF* Andrews, D.L., et al., "Characterization of the Lipid Acyl Hydrolase Activity of the Major Potato (*Solanum tuberosum*) Tuber Protein, Patatin, by Cloning and Abundant Expression in a Baculovirus Vector", *Biochem. J.*, 252, 199-206, (1988).
- Angus, T.A., "Implications of Some Recent Studies of *Bacillus thuringiensis* -- A Personal Purview", *Proceedings of the 4th International Colloquium on Insect Pathology*, College Park, MD, 183-189, (Aug. 25-28, 1970).
- Armaleo, D., et al., "Biostatic Nuclear Transformation of *Saccharomyces cerevisiae* and Other Fungi", *Curr. Genet.*, 17, 97-103, (1990).
- Armstrong, C.L., et al., "Development and Availability of Germplasm with High Type II Culture Formation Response", *Maize Genetics Cooperation Newsletter*, 65, 92-93, (Mar. 1, 1991).
- Armstrong, C.L., et al., "Establishment and Maintenance of Friable, Embryogenic Maize Callus and the Involvement of L-Proline", *Planta*, 164, 207-214, (1985).
- Armstrong, C.L., et al., "Genetic and Cytogenetic Variation in Plants Regenerated from Organogenic and Friable, Embryogenic Tissue Cultures in Maize", *Crop Science*, 28, 363-369, (1988).
- Arondel, V., et al., "Map-Based Cloning of a Gene Controlling Omega-3 Fatty Acid Desaturation in *Arabidopsis*", *Science*, 258, 1353-1355, (Nov. 20, 1992).
- Aronson, A.I., et al., "Bacillus thuringiensis and Related Insect Pathogens", *Microbiological Reviews*, 50, 1-24, (Mar., 1986).
- Aronson, J.N., et al., "Toxic Trypsin Digest Fragment from the *Bacillus thuringiensis* Parasporal Protein", *Applied and Environmental Microbiology*, 53, 416-421, (Feb., 1987).
- Atanassova, R., et al., "A 126 bp Fragment of a Plant Histone Gene Promoter Confers Preferential Expression in Meristems of Transgenic *Arabidopsis*", *The Plant Journal*, 2, 291-300, (1992).
- Aves, K., et al., "Transformation of an Elite Maize Imbred Through Microprojectile Bombardment of Regenerable Embryonic Callus", *In Vitro Cell. Develop Bio.*, 28A, Abstract No. P-1134, p. 124A, (1992).

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| Bartels, D., et al., "An ABA and GA Modulated Gene Expressed in the Barley Embryo Encodes an Aldose Reductase Related Protein", <u>EMBO Journal</u> , <u>10</u> , 1037-1043, (May, 1991). |
| Bartley, G.E., et al., "Molecular Cloning and Expression in Photosynthetic Bacteria of a Soybean cDNA Coding for Phytoene Desaturase, an Enzyme of the Carotenoid Biosynthesis Pathway", <u>Proc. Natl. Acad. Sci. USA</u> , <u>88</u> , 6532-6536, (Aug., 1991). |
| Barton, K.A., et al., "Bacillus thuringiensis δ-Endotoxin Expressed in Transgenic Nicotiana tabacum Provides Resistance to Lepidopteran Insects", <u>Plant Physiol.</u> , <u>85</u> , 1103-1109, (1987). |
| Barton, K.A., et al., "Production of Bacillus thuringiensis Insecticidal Proteins in Plants", <u>Transgenic Plants</u> , Vol. 1, Kung, S.-D., et al., (eds.), Academic Press, Inc., San Diego, CA, 297-315, (1993). |
| Belanger, F.C., et al., "Molecular Basis for Allelic Polymorphism of the Maize Globulin-1 Gene", <u>Genetics</u> , <u>129</u> , 863-872, (1991). |
| Binns, A.N., "Agrobacterium-Mediated Gene Delivery and the Biology of Host Range Limitations", <u>Physiologia Plantarum</u> , <u>79</u> , 135-139, (1990). |
| Birk, Y., et al., "Separation of a Tribolium-Protease Inhibitor from Soybeans on a Calcium Phosphate Column", <u>Biochem. Biophys. Acta</u> , <u>67</u> , 326-328, (Feb. 12, 1963). |
| Bishop, D.H., "Genetically Engineered Viral Insecticides -- A Progress Report 1986-1989", <u>Pestic. Sci.</u> , <u>27</u> , 173-189, (1989). |
| Bol, J.F., et al., "Plant Pathogenesis-Related Proteins Induced by Virus Infection", <u>Annu. Rev. Phytopathol.</u> , <u>28</u> , 113-138, (1990). |
| Botterman, J., et al., "Engineering Herbicide Resistance in Plants", <u>Trends in Genetics</u> , <u>4</u> , 219-222, (Aug., 1988). |
| Boulton, M.I., et al., "Specificity of Agrobacterium-Mediated Delivery of Maize Streak Virus DNA to Members of the Gramineae", <u>Plant Mol. Biol.</u> , <u>12</u> , 31-40, (1989). |

Examiner

*Substitute Disclosure Statement Form (PTO-1449)

Date Considered

5/7/04

**EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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OTHER DOCUMENTS

**Examiner
Initial

(Including Author, Title, Date, Pertinent Pages, Etc.)

DF

Bowler, C., et al., "Superoxide Dismutase and Stress Tolerance", <u>Annu. Rev. Plant Physiol. Plant Mol. Biol.</u> , <u>43</u> , 83-116, (1992).
Boyer, J.S., "Water Deficits and Photosynthesis", In: <u>Water Deficits and Plant Growth</u> , Vol. IV, Kozlowski, T.T., (ed.), Academic Press, New York, pp. 153-190, (1976).
Boylan-Pett, W., et al., "Effectiveness of <u>Bacillus thuringiensis</u> -Transgenic Potato Plants for Control of Colorado Potato Beetles, 1991", <u>Insecticide & Acaricide Tests: 1992</u> , <u>17</u> , 124-125, (1992).
Boynton, J.E., et al., "Chloroplast Transformation in <u>Chlamydomonas</u> with High Velocity Microprojectiles", <u>Science</u> , <u>240</u> , 1534-1537, (June 10, 1988).
Brignon, P., et al., "Nuclease Sensitivity and Functional Analysis of a Maize Histone H3 Gene Promoter", <u>Plant Molecular Biology</u> , <u>22</u> , 1007-1015, (1993).
Bryant, J.A., "At Last: Transgenic Cereal Plants from Genetically Engineered Protoplasts", <u>Trends in Biotechnology</u> , <u>6</u> , 291-292, (Dec. 1988).
Buchanan-Wollaston, V., et al., "Detoxification of the Herbicide Dalapon by Transformed Plants", <u>J. Cell. Biochem.</u> , <u>13D</u> , Abstract No. M503, p. 330, (1989).
Burgerjon, A., et al., "Industrial and International Standardization of Microbial Pesticides -- I. <u>Bacillus thuringiensis</u> ", <u>Entomophaga</u> , <u>22</u> , 121-129, (1977).
Busvine, J.R., <u>A Critical Review of the Techniques for Testing Insecticides</u> , Table of Contents, Commonwealth Agricultural Bureaux, Slough, England, iii-xi, (1971).
Bytebier, B., et al., "T-DNA Organization in Tumor Cultures and Transgenic Plants of the Monocotyledon <u>Asparagus officinalis</u> ", <u>Proc. Natl. Acad. Sci. USA</u> , <u>84</u> , 5345-5349, (Aug. 1987)
Calabrese, D.M., et al., "A Comparison of Protein Crystal Subunit Sizes in <u>Bacillus thuringiensis</u> ", <u>Canadian Journal of Microbiology</u> , <u>26</u> , 1006-1010, (Aug., 1980)

Examiner

Dee

Date Considered

5/7/84

*Substitute Disclosure Statement Form (PTO-1449)

**EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	Filing Date: August 25, 1993	Group: 1804 1638

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner
Initial

- DJ* Caligiuri, M.G., et al., "Identification of Amino Acid Residues Involved in Feedback Regulation of the Anthranilate Synthase Complex from *Salmonella typhimurium*", *J. Biol. Chem.*, 266, 8328-8335, (May 5, 1991).
- Caplan, A., et al., "Introduction of Genetic Material into Plant Cells", *Science*, 222, 815-821, (Nov. 18, 1983).
- Carozzi, N.B., et al., "Expression of a Chimeric CaMV 35S *Bacillus thuringiensis* Insecticidal Protein Gene in Transgenic Tobacco", *Plant Molecular Biology*, 20, 539-548, (1992).
- Carpita, N.C., "The Biochemistry of "Growing" Cell Walls", In: *Physiology of Cell Expansion During Plant Growth*, Cosgrove, D.J. et al, (eds.), Am. Soc. Plant Physiol., pp. 28-45, (1987).
- Chaleff, R.S., "Induction, Maintenance, and Differentiation of Rice Callus Cultures on Ammonium as Sole Nitrogen Source", *Plant Cell, Tissue and Organ Culture*, 2, 29-37, (1983).
- Chan, M., et al., "Agrobacterium-Mediated Production of Transgenic Rice Plants Expressing a Chimeric α -Amylase Promoter/ β -Glucuronidase Gene", *Plant Mol. Biol.*, 22, 491-506, (1993).
- Charest, P.J., et al., "Factors Affecting the Use of Chloramphenicol Acetyltransferase as a Marker for *Brassica* Genetic Transformation", *Plant Cell Reports*, 7, 628-631, (1989).
- Christou, P., et al., "Inheritance and Expression of Foreign Genes in Transgenic Soybean Plants", *Proc. Natl. Acad. Sci. USA*, 86, 7500-7504, (Oct., 1989).
- Christou, P., et al., "Opine Synthesis in Wild-Type Plant Tissue", *Plant Physiol.*, 82, 218-221, (1986).
- V* Christou, P., et al., "Production of Transgenic Rice (*Oryza sativa L.*) Plants from Agronomically Important Indica and Japonica Varieties via Electric Discharge Particle Acceleration of Exogenous DNA into Immature Zygotic Embryos", *Bio/technology*, 9, 957-962, (Oct., 1991)

Examiner

Date Considered

*Substitute Disclosure Statement Form (PTO-1449)

**EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Group: 1804 1638

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner
Initial

- DD*
- Christou, P., et al., "Stable Transformation of Soybean Callus by DNA-Coated Gold Particles", Plant Physiol., 87, 671-674, (1988).
- Chu, C., et al., "Establishment of an Efficient Medium for Anther Culture of Rice Through Comparative Experiments on the Nitrogen Sources", Scientia Sinica, 18, 659-668, (Sep.-Oct. 1975).
- Comai, L., et al., "Expression in Plants of a Mutant *aroA* Gene from *Salmonella typhimurium* Confers Tolerance to Glyphosate", Nature, 317, 741-744, (Oct., 1985).
- Cooksey, K.E., "Purification of a Protein from *Bacillus thuringiensis* Toxic to Larvae of Lepidoptera", Biochem. J., 106, 445-454, (1968).
- Darvill, A., et al., "The Primary Cell Walls of Flowering Plants", In: The Biochemistry of Plants, Volume 1: "The Plant Cell", Tolbert, N.E., (ed.), Academic Press, New York, pp. 91-162, (1980).
- Datta, S.K., et al., "Genetically Engineered Fertile Indica-Rice Recovered from Protoplasts", Bio/Technology, 8, 736-740, (Aug., 1990).
- Douce-Le Reverend, B., et al., "Improvement of *Escherichia coli* Strains Overproducing Lysine Using Recombinant DNA Techniques", European J. Appl. Microbiol. Biotechnol., 15, 227-231, (1982).
- De Block, M., et al., "Expression of Foreign Genes in Regenerated Plants and Their Progeny", EMBO J., 3, 1681-1689, (1984).
- De Block, M., et al., "The Use of Phosphinothricin Resistance as a Selectable Marker in Tobacco Protoplast Transformation", In: Progress in Plant Protoplast Research, Puite, K.J., et al., (eds.), Kluwer Academic Publishers, Dordrecht, The Netherlands, 389-390, (1988).
- De Greef, W., et al., "Evaluation of Herbicide Resistance in Transgenic Crops under Field Conditions", Bio/Technology, 7, 61-64, (1989).
- Dekeyser, R.A., et al., "Evaluation of Selectable Markers for Rice Transformation", Plant Physiol., 90, 217-223, (1989).
- Dekeyser, R.A., et al., "Transient Gene Expression in Intact and Organized Rice Tissues", The Plant Cell, 2, 591-602, (July, 1990).

Examiner

Date Considered

*Substitute Disclosure Statement Form (PTO-1449)

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OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner
Initial

- Denecke, J., et al., "Quantification of Transient Expression Levels of Genes Transferred to Plant Protoplasts by Electroporation", In: Progress in Plant Protoplast Research, Puite, K.J., et al., (eds.), Kluwer Academic Publishers, Dordrecht, The Netherlands, 337-338, (1988).
- Denholm, I., et al., "Tactics for Managing Pesticide Resistance in Arthropods: Theory and Practice", Annu. Rev. Entomol., 37, 91-112, (1992).
- Depicker, A.G., et al., "A Negative Selection Scheme for Tobacco Protoplast-Derived Cells Expressing the T-DNA Gene 2", Plant Cell Reports, 7, 63-66, (1988).
- DeWet, J.M.J., et al., "Exogenous Gene Transfer in Maize (*Zea mays*) using DNA-treated Pollen", In: The Experimental Manipulation of Ovule Tissues, Chapman, G.P., et al., (eds.), Longman, New York, pp. 197-209, (1985).
- Domoney, C., et al., "Cloning and Characterization of Complementary DNA for Convicilin, a Major Seed Storage Protein in *Pisum sativum* L.", Planta, 159, 446-453, (1983).
- Donn, G., et al., "Stable Transformation of Maize with a Chimaeric, Modified Phosphinothricin-Acetyltransferase Gene from *Streptomyces viridochromogenes*", Abstracts, VIIth International Congress on Plant Tissue Cell Culture, Amsterdam, The Netherlands, Abstract No. A2-38, p. 53, (June 24-29, 1990).
- Duncan, D.R., et al., "The Production of Callus Capable of Plant Regeneration from Immature Embryos of Numerous *Ze a Mays* Genotypes", Planta, 165, 322-332, (1985).
- Dunder, E., et al., "High Frequency Transformation of Maize by Microprojectile Bombardment of Immature Embryos", Abstracts, 35th Annual Maize Genetics Conference, St. Charles, IL, Poster No. 16, p. 30, (Mar. 18-21, 1993).
- Dunder, E., et al., "Transgenic Anthocyanin Color Phenotypes Produced in Callus, Plants and Progeny of Maize", Abstracts, 35th Annual Maize Genetics Conference, St. Charles, IL, Poster No. 15, p. 30, (Mar. 18-21, 1993).

Examiner

*Substitute Disclosure Statement Form (PTO-1449)

Date Considered

5/7/94

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Filing Date: August 25, 1993

Group: 1804

1638

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner
Initial

DJ	Dunleavy, J.M., "Curtobacterium plantarum sp. nov. Is Ubiquitous in Plant Leaves and Is Seed Transmitted in Soybean and Corn", <u>International Journal of Systematic Bacteriology</u> , 39, 240-249, (July, 1989)
	Dunn, G.M., et al., "Inheritance of Cyclic Hydroxamates in Zea mays L.", <u>Can. J. Plant Sci.</u> , 61, 583-593, (July, 1981).
	Dure III, L., et al., "Common Amino Acid Sequence Domains Among the LEA Proteins of Higher Plants", <u>Plant Molecular Biology</u> , 12, 475-486, (1989).
	Dybvig, K., et al., "Transposition of Gram-Positive Transposon Tn916 in <i>Acholeplasma laidlawii</i> and <i>Mycoplasma pulmonis</i> ", <u>Science</u> , 235, 1392-1394, (Mar. 13, 1987).
	Edallo, S., et al., "Chromosomal Variation and Frequency of Spontaneous Mutation Associated with <i>in vitro</i> Culture and Plant Regeneration in Maize", <u>Maydica</u> , 26, 39-56, (1981).
	Fast, P.G., et al., "Bacillus thuringiensis δ-Endotoxin: Evidence that Toxin Acts at the Surface of Susceptible Cells", <u>Experientia</u> , 34, 762-763, (1978).
	Faust, R.M., et al., "Bacteria and Their Toxins as Insecticides", In: <u>Microbial and Viral Pesticides</u> , Kurstak, E., (ed.), Marcel Dekker, Inc., New York, 75-208, (1982).
	Fennel, A., et al., "Electroporation and PEG Delivery of DNA into Maize Microspores", <u>Plant Cell Reports</u> , 11, 567-570, (1992).
	Finkle, B.J., et al., "Growth and Regeneration of Alfalfa Callus Lines After Freezing in Liquid Nitrogen", <u>Plant Science</u> , 42, 133-140, (1985).
	Finney, D.J., <u>In: Probit Analysis: A Statistical Treatment of the Sigmoid Response Curve</u> , Table of Contents, 3 p., (1952).
	Fischhoff, D.A., et al., "Insect Tolerant Transgenic Tomato Plants", <u>Bio/technology</u> , 5, 807-812, (1987).
✓	Fisher, D.K., et al., "Starch Branching Enzyme II from Maize Endosperm", <u>Plant Physiol.</u> , 102, 1045-1046, (1993).

Examiner

Date Considered

5/7/94

*Substitute Disclosure Statement Form (PTO-1449)

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OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner
Initial

- DFF
- Flavell, R., et al., "Prospects for Transforming Monocot Crop Plants", Nature, 307, 108-109, (Jan. 12, 1984).
- Fromm, M., et al., "Transient Expression and Stable Transformation of Maize Using Microprojectiles", In: Plant Molecular Biology, Vol. 2, Herrmann, R.G., et al., (eds.), Plenum Press, New York, 219-224, (1991).
- Fry, S.C., In: The Growing Plant Cell Wall: Chemical and Metabolic Analysis, Longman Scientific and Technical, New York, pp. 1-5, 102-109, (1988).
- Fukuto, T.R., "Physicochemical Aspects of Insecticidal Action", In: Insecticide Biochemistry and Physiology, Wilkinson, C.F., (ed.), Plenum Press, New York, 397-428, (1976).
- Gallagher, S., "Progress and Promise of the Particle Gun", Ag Biotechnology News, 6, 12-13, (Mar.-Apr., 1989).
- Gallie, D.R., et al., "The 5'-leader Sequence of Tobacco Mosaic Virus RNA Enhances the Expression of Foreign Gene Transcripts in Vitro and in Vivo", Nucleic Acids Research, 15, 3257-3273, (1987).
- Gatehouse, A.M., et al., "Assessment of the Antimetabolic Effects of Trypsin Inhibitors from Cowpea (Vigna unguiculata) and Other Legumes on Development of the Bruchid Beetle Callosobruchus maculatus", J. Sci. Food Agric., 34, 345-350, (1983).
- Geiser, M., et al., "The Hypervariable Region in the Genes Coding for Entomophatogenic Crystal Proteins of Bacillus thuringiensis: Nucleotide Sequence of the kurhd1 gene of subsp. kurstaki HD1", Gene, 48, 109-118, (1986).
- Genovesi, A.D., et al., "Embryogenesis in Callus Derived from Rice Microspores", Plant Cell Reports, 1, 257-260, (1982).
- Georghiou, G.P., et al., "Factors Influencing the Evolution of Resistance", In: Pesticide Resistance: Strategies and Tactics for Management, Committee on Strategies for the Management of Pesticide Resistant Pest Populations, Board on Agriculture, National Research Council, National Academy Press, Washington, D.C., 157-169, (1986).

Examiner

Date Considered

*Substitute Disclosure Statement Form (PTO-1449)

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OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner
Initial

- DFT*
- Gepts, P., et al., "Enhanced Available Methionine Concentration Associated with Higher Phaseolin Levels in Common Bean Seeds", Theor. Appl. Genet., 69, 47-53, (1984).
- Gerlach, W.L., "Genetic Engineering: Its Place in Plant Breeding", In: Plant Breeding and Genetic Engineering, Zakri, A.H., (ed.), Society for the Advancement of Breeding Researches in Asia and Oceania, Bangi, Malaysia, 269-277, (1988).
- Goldburg, R.J., et al., "Are B.T.K. Plants Really Safe to Eat?", Bio/technology, 8, 1011-1015, (Nov., 1990).
- Goldfarb, B., et al., "Transient Expression of Microprojectile-Introduced DNA in Douglas-Fir", J. Cell. Biochem., Suppl. 0 (13 Part D), Abstract No. M 121, p. 259, (Apr. 1-7, 1989).
- Goldman, S.L., et al., "Transformation of Zea mays by Agrobacterium tumefaciens: Evidence for Stable Genetic Alterations", Journal of Cellular Biochemistry, 11B, Abstract No. F 202, p. 26, (1987).
- Goodman, R.M., et al., "Gene Transfer in Crop Improvement", Science, 236, 48-54, (Apr. 3, 1987).
- Gordon, P.N., et al., "Plant Regeneration from Tissue Cultures of Maize", Maize Genetics Cooperation Newsletter, 51, 79-80, (Mar. 1, 1977).
- Gordon-Kamm, W.J., et al., "Transformation of Maize Using Microprojectile Bombardment: An Update and Perspective", In Vitro Cellular and Developmental Biology, 27, 21-27, (Jan., 1991).
- Green, C.E., "New Developments in Plant Tissue Culture and Plant Regeneration", In: Basic Biology of New Developments in Biotechnology, Hollaender, A., et al., (eds.), Plenum Press, New York, 195-209, (1983).
- Green, C.E., "Somatic Embryogenesis and Plant Regeneration from the Friable Callus of Zea mays", In: Plant Tissue Culture, Proceedings of the 5th International Congress on Plant Tissue & Cell Culture, Tokyo, Japan, 107-108, (1982).

Examiner

Date Considered

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OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner
Initial

- DJF* Guerineau, F., et al., "Sulfonamide Resistance Gene for Plant Transformation", Plant Molecular Biology, 15, 127-136, (1990).
- Guerrero, F.D., et al., "Turgor-Responsive Gene Transcription and RNA Levels Increase Rapidly When Pea Shoots are Wilted. Sequence and Expression of Three Inducible Genes", Plant Mol. Biol., 15, 11-26, (1990).
- Gupta, A.S., et al., "Increased Resistance to Oxidative Stress in Transgenic Plants that Overexpress Chloroplastic Cu/Zn Superoxide Dismutase", Proc. Natl. Acad. Sci. USA, 90, 1629-1633, (Feb., 1993).
- Haccius, B., "Question of Unicellular Origin of Non-Zygotic Embryos in Callus Cultures", Phytomorphology, 28, 74-81, (1978).
- Hallauer, A.R., et al., "Corn Breeding", In: Corn and Corn Improvement, Third Edition, Sprague, G.F., et al., (eds.), American Society of Agronomy, Inc., Madison, WI, p. 463-564, (1988).
- Hallborn, J., et al., "Xylitol Production By Recombinant Saccharomyces Cerevisiae", Bio/Technology, 9, 1090-1095, (Nov., 1991).
- Harms, C.T., et al., "Regeneration of Plantlets from Callus Cultures of Zea mays L.", Z. Pflanzenzuchtg. 77, 347-351, (1976).
- Hartree, E.F., "Determination of Protein: A Modification of the Lowry Method that Gives a Linear Photometric Response", Analytical Biochemistry, 48, 422-427, (1972).
- Harvey, W.R., et al., "Potassium Ion Transport ATPase in Insect Epithelia", J. Exp. Biol., 106, 91-117, (1983).
- Haughn, G.W., et al., "Transformation with a Mutant Arabidopsis Acetolactate Synthase Gene Renders Tobacco Resistant to Sulfonylurea Herbicides", Mol. Gen. Genet., 211, 266-271, (1988).
- Hauptmann, R.M., et al., "Evaluation of Selectable Markers for Obtaining Stable Transformants in the Gramineae", Plant Physiol., 86, 602-606, (1988).
- Heimpel, A.M., et al., "Recent Advances in the Knowledge of Some Bacterial Pathogens of Insects", Proceedings of the Tenth International Congress of Entomology, Vol. 4, 711-722, (1956).

Examiner

*Substitute Disclosure Statement Form (PTO-1449)

Date Considered

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Group: 1804

(638)

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner
Initial

- DJF Heimpel, A.M., et al., "The Site of Action of Crystalliferous Bacteria in Lepidoptera Larvae", Journal of Insect Pathology, 1, 152-170, (1959).
- Hernalsteens, J.P., et al., "An Agrobacterium-Transformed Cell Culture from the Monocot Asparagus officinalis", The EMBO Journal, 3, 3039-3041, (Dec., 1984).
- Herrera-Estrella, L., et al., "Use of Reporter Genes to Study Gene Expression in Plant Cells", In: Plant Molecular Biology Manual B1, Gelvin, S.B. et al., (eds), Kluwer Academic Publishers, Dordrecht, Belgium, pp. 1-22, (1988).
- Hibberd, K.A., "Induction, Selection, and Characterization of Mutants in Maize Cell Cultures", In: Cell Culture and Somatic Cell Genetics of Plants, Vol. 1, Vasil, I.K., (ed.), Academic Press, Inc., Orlando, FL, 571-576, (1984).
- Hickle, L.A., et al., "Analytical Chemistry of Bacillus thuringiensis: An Overview", In: Analytical Chemistry of Bacillus thuringiensis, Hickle, L.A., et al., (eds.), 1990 Am. Chem. Soc., Washington, D.C., vii-ix, 1-8, (Sep. 10-15, 1989).
- Hilder, V.A., et al., "A Novel Mechanism of Insect Resistance Engineered into Tobacco", Nature, 330, 160-163, (Nov. 12, 1987).
- Hodges, T.K., et al., "Genotype Specificity of Somatic Embryogenesis and Regeneration in Maize", Bio/technology, 4, 219-223, (Mar., 1986).
- Hodges, T.K., et al., "Regeneration of Maize", In: Biotechnology in Plant Science, Zaitlin, M., et al., (ed.), Academic Press, Inc., Orlando, FL, 15-33, (1985).
- Hoekema, A., et al., "Codon Replacement in the PGK1 Gene of Saccharomyces cerevisiae: Experimental Approach to Study the Role of Biased Codon Usage in Gene Expression", Molecular and Cellular Biology, 7, 2914-2924, (Aug., 1987)
- Hofmann, C., et al., "Binding of the Delta Endotoxin from Bacillus thuringiensis to Brush-Border Membrane Vesicles of the Cabbage Butterfly (Pieris Brassicae)", Eur. J. Biochem., 173, 85-91, (1988).

Examiner

Date Considered

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	Filing Date: August 25, 1993	Group: 1804

1638

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner Initial

DFF	Hofmann, C., et al., "Specificity of <i>Bacillus thuringiensis</i> δ-Endotoxins is Correlated with the Presence of High-Affinity Binding Sites in the Brush Border Membrane of Target Insect Midguts", <i>Proc. Natl. Acad. Sci. USA</i> , <u>85</u> , 7844-7848, (Nov., 1988).
	Höfte, H., et al., "Insecticidal Crystal Proteins of <i>Bacillus thuringiensis</i> ", <i>Microbiol. Rev.</i> , <u>53</u> , 242-255, (June, 1989)
	Höfte, H., et al., "Monoclonal Antibody Analysis and Insecticidal Spectrum of Three Types of Lepidopteran-Specific Insecticidal Crystal Proteins of <i>Bacillus thuringiensis</i> ", <i>Applied and Environmental Microbiology</i> , <u>54</u> , 2010-2017, (Aug., 1988)
	Höfte, H., et al., "Structural and Functional Analysis of a Cloned Delta Endotoxin of <i>Bacillus thuringiensis</i> berliner 1715", <i>Eur. J. Biochem.</i> , <u>161</u> , 273-280, (1986)
	Hollingworth, R.M., "The Biochemical and Physiological Basis of Selective Toxicity", In: <i>Insecticidal Biochemistry and Physiology</i> , Wilkinson, C.F., (ed.), Plenum Press, New York, 431-506, (1976).
	Hong, B., et al., "Cloning and Characterization of cDNA Encoding a mRNA Rapidly-Induced by ABA in Barley Aleurone Layers", <i>Plant Molecular Biology</i> , <u>11</u> , 495-506, (1988).
	Hooykaas-Van Slogteren, G.M.S., et al., "Expression of Ti Plasmid Genes in Monocotyledonous Plants Infected with <i>Agrobacterium tumefaciens</i> ", <i>Nature</i> , <u>311</u> , 763-764, (Oct. 25, 1984).
	Horsch, R.B., et al., "A Simple and General Method for Transferring Genes into Plants", <i>Science</i> , <u>227</u> , 1229-1231, (Mar. 8, 1985).
	Hu, N.T., et al., "Primary Structure of a Genomic Zein Sequence of Maize", <i>The EMBO Journal</i> , <u>1</u> , 1337-1342, (1982).
↓	Huang, Y.W., et al., "Factors Influencing Stable Transformation of Maize Protoplasts by Electroporation", <i>Plant Cell, Tissue and Organ Culture</i> , <u>18</u> , 281-296, (1989).

Examiner

David J. Up

Date Considered

5/7/04

*Substitute Disclosure Statement Form (PTO-1449)

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163f

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner
Initial

Df	Huber, H.E., et al., "Bacillus thuringiensis Delta-Endotoxin: Composition and Activation", In: <u>Pathogenesis of Invertebrate Microbial Diseases</u> , Davidson, E.W., (ed.), Allanheld, Osmun & Co. Publishers, Inc., Totowa, NJ, 209-234, (1981).
	Huber-Lukac, M., et al., "Characterization of Monoclonal Antibodies to a Crystal Protein of <u>Bacillus thuringiensis</u> subsp. <u>kurstaki</u> ", <u>Infection and Immunity</u> , 54, 228-232, (Oct., 1986).
	Imbrie-Milligan, C.W., et al., "Microcallus Formation from Maize Protoplasts Prepared from Embryogenic Callus", <u>Planta</u> , 168, 395-401, (1986).
	Jarrett, P., "Potency Factors in the δ-Endotoxin of <u>Bacillus thuringiensis</u> var. <u>aizawai</u> and the Significance of Plasmids in their Control", <u>Journal of Applied Bacteriology</u> , 58, 437-448, (1985).
	Jaworski, J.G., et al., "A Cerulenin Insensitive Short Chain 3-Ketoacyl-Acyl Carrier Protein Synthase in <u>Spinacia oleracea</u> Leaves", <u>Plant Physiol.</u> , 90, 41-44, (1989).
	Jayne, S., et al., "Analysis of Elite Transgenic Maize Plants Produced by Microprojectile Bombardment", <u>Program and Abstracts, International Society for Plant Molecular Biology, Third International Congress</u> , Tucson, AZ, Abstract No. 338, (Oct. 6-11, 1991).
	Jaynes, J.M., et al., "Plant Protein Improvement by Genetic Engineering: Use of Synthetic Genes", <u>Trends in Biotechnology</u> , 4, 314-320, (Dec. 1986).
	Johnson, D.E., "Toxicity of <u>Bacillus thuringiensis</u> Entomocidal Protein Toward Cultured Insect Tissue", <u>Journal of Invertebrate Pathology</u> , 38, 94-101, (1981).
	Johri, M.M., et al., "Genetic Approaches to Meristem Organization", In: <u>Maize for Biological Research</u> , Sheridan, W.F., (ed.), Plant Molecular Biology Association, Charlottesville, VA, p. 301-310, (1982).
V	Jones, H., et al., "Recent Advances in Plant Electroporation", <u>Oxford Surveys of Plant Molecular and Cell Biology</u> , 4, 347-357, (1987).

Examiner

*Substitute Disclosure Statement Form (PTO-1449)

Date Considered

5/7/94

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Group: 1804

1638

OTHER DOCUMENTS

**Examiner
Initial

(Including Author, Title, Date, Pertinent Pages, Etc.)

OF

Jones, H., et al., "Transient Gene Expression in Electroporated *Solanum* Protoplasts", *Plant Mol. Biol.*, 13, 503-511, (1989).

Josefsson, L.G., et al., "Structure of a Gene Encoding the 1.7 S Storage Protein, Napin, from *Brassica napus*", *The Journal of Biological Chemistry*, 262, 12196-12201, (Sep. 5, 1987).

Kaasen, I., et al., "Molecular Cloning and Physical Mapping of the otsBA Genes, Which Encode the Osmoregulatory Trehalose Pathway of *Escherichia coli*: Evidence that Transcription is Activated by KatF (AppR)", *Journal of Bacteriology*, 174, 889-898, (Feb., 1992).

Kao, K.N., et al., "Nutritional Requirements for Growth of *Vicia hajastana* Cells and Protoplasts at a Very Low Population Density in Liquid Media", *Planta*, 126, 105-110, (1975).

Kay, R., et al., "Duplication of CaMV 35S Promoter Sequences Creates a Strong Enhancer for Plant Genes", *Science*, 236, 1299-1302, (June 5, 1987).

Kim, C.S., et al., "Improvement of Nutritional Value and Functional Properties of Soybean Glycinin by Protein Engineering", *Protein Engineering*, 3, 725-731, (1990).

King, P., et al., "Maize", In: *Handbook of Plant Cell Culture*, Vol. 2, Sharp, W.R., et al., (eds.), Macmillan Publishing Company, New York, 69-91, (1984).

Klein, T.M., et al., "Advances in Direct Gene Transfer into Cereals", In: *Genetic Engineering: Principles and Methods*, Vol. 11, Setlow, J.K., (ed.), Plenum Publishing Corp., New York, 13-31, (1989).

Klein, T.M., et al., "Factors Influencing Gene Delivery into *Zea mays* Cells by High-Velocity Microprojectiles", *Bio/Technology*, 6, 559-563, (1988).

Klein, T.M., et al., "Particle Bombardment: A Universal Approach for Gene Transfer to Cells and Tissues", *Current Opinion in Biotechnology*, 4, 583-590, (1993).

Examiner

*Substitute Disclosure Statement Form (PTO-1449)

Date Considered

5/20/94

**EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Group: 1804

(1638)

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner
Initial

Klein, T.M., et al., "Particle Gun Technology: A Novel Method for the Introduction of DNA into Living Cells", <u>Program and Abstracts for an International Symposium: "Biotechnology in Plant Science: Relevance to Agriculture in the Eighties</u> ", Ithaca, NY, Poster, #28, p. 25, (June 23-27, 1985).
Klein, T.M., et al., "Stable Genetic Transformation of Intact Nicotiana Cells by the Particle Bombardment Process", <u>Proc. Natl. Acad. Sci. USA</u> , 85, 8502-8505, (Nov., 1988).
Klein, T.M., et al., "Transformation of Microbes, Plants and Animals by Particle Bombardment", <u>Biotechnology</u> , 10, 286-291, (Mar., 1992).
Knight, M.R., et al., "Transgenic Plant Aequorin Reports the Effects of Touch and Cold-Shock and Elicitors on Cytoplasmic Calcium", <u>Nature</u> , 352, 524-526, (Aug. 8, 1991).
Knowles, B.H., et al., "Characterization and Partial Purification of a Plasma Membrane Receptor for <i>Bacillus thuringiensis</i> var. Kurstaki Lepidopteran-Specific δ-Endotoxin", <u>J. Cell Sci.</u> , 83, 89-101, (1986).
Knowles, B.H., et al., "Lectin-Like Binding of <i>Bacillus thuringiensis</i> var. Kurstaki Lepidopteran-Specific Toxin is an Initial Step in Insecticidal Action", <u>FEBS Letters</u> , 168, 197-202, (Mar., 1984).
Kononowicz, H., et al., "Subdomains of the Octopine Synthase Upstream Activating Element Direct Cell-Specific Expression in Transgenic Tobacco Plants", <u>The Plant Cell</u> , 4, 17-27, (Jan., 1992).
Kozak, M., "Compilation and Analysis of Sequences Upstream from the Translational Start Site in Eukaryotic mRNAs", <u>Nuc. Acids Res.</u> , 12, 857-872, (1984).
Kriz, A.L., et al., "Characterization of the Maize Globulin-2 Gene and Analysis of Two Null Alleles", <u>Biochemical Genetics</u> , 29, 241-254, (1991).
Kuhlemeier, C., et al., "Regulation of Gene Expression in Higher Plants", <u>Ann. Rev. Plant Physiol.</u> , 38, 234-239, (1987).

Examiner

Dee

Date Considered

5/17/94

*Substitute Disclosure Statement Form (PTO-1449)

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1638

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner
Initial

- DDF*
- Lamark, T., et al., "DNA Sequence and Analysis of the bet Genes Encoding the Osmoregulatory Choline-Glycine Betaine Pathway of *Escherichia coli*", Molecular Microbiology, 5, 1049-1064, (1991).
- Lamppa, G., et al., "Analysis of Two Linked Genes Coding for the Acyl Carrier Protein (ACP) from *Arabidopsis thaliana (Columbia)*", Plant Molecular Biology, 16, 469-474, (1991).
- Langridge, W.H.R., et al., "Electric Field Mediated DNA Transformation in Plant Protoplasts", Program and Abstracts for an International Symposium: Biotechnology in Plant Science: Relevance to Agriculture in the Eighties, Ithaca, NY, Poster #30, p. 25, (June 23-27, 1985).
- Larkins, B.A., et al., "Modification of Maize-Seed-Protein Quality", Am. J. Clin. Nutr., 58, 264S-269S, (1993).
- Leason, M., et al., "Inhibition of Pea Leaf Glutamine Synthetase by Methionine Sulphoximine, Phosphinothricin and Other Glutamate Analogues", Biochemistry, 21, 855-857, (1982).
- Lee, B., "Cereal Transformation", Plants Today, 9-11, (Jan.-Feb., 1989).
- Lee, J.S., et al., "Gene Transfer into Intact Cells of Tobacco by Electroporation", Korean J. Genetics, 11, 65-72, (1989).
- Lemaux, P.G., et al., "Selection of Stable Transformants from Maize Suspension Cultures Using the Herbicide Bialaphos", J. Cell. Biochem., 14e, Abstract No. R230, p. 304, (Mar. 31, 1990).
- Li, B.-J., et al., "Introduction of Foreign Genes into the Seed Embryo Cells of Rice by Electroinjection and the Regeneration of Transgenic Rice Plants", Science in China, 34, 925-931, (Aug., 1991).
- Li, X.Q., et al., "GUS Expression in Rice Tissue Using Agrobacterium-mediated Transformation", Program and Abstracts, International Society for Plant Molecular Biology, Third International Congress, Tucson, AZ, Abstract No. 385, (Oct. 6-11, 1991).
- Lin, F.F., et al., "Transformation and Analysis of Inducible PAL Genes in Potato", In Vitro Cellular and Developmental Biology, 28, Abstract No. P-1129, p. 123A, (June 20-25, 1992).

Examiner

Davis

Date Considered

5-17/94

*Substitute Disclosure Statement Form (PTO-1449)

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1638

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner
Initial

- DJF
- Lindsey, K., et al., "Stable Transformation of Sugarbeet Protoplasts by Electroporation", Plant Cell Rep., 8, 71-74, (1989).
- Lindsey, K., et al., "The Permeability of Electroporated Cells and Protoplasts of Sugar Beet", Planta, 172, 346-355, (1987).
- Lindsey, K., et al., "Transient Gene Expression in Electroporated Protoplasts and Intact Cells of Sugar Beet", Plant Mol. Biol., 10, 43-52, (1987).
- Lörz, H., et al., "Gene Transfer to Cereal Cells Mediated by Protoplast Transformation", Mol. Gen. Genet., 199, 178-182, (1985).
- Lowe, K., et al., "Plant Regeneration via Organogenesis and Embryogenesis in the Maize Inbred Line B73", Plant Science, 41, 125-132, (1985).
- Lu, C., et al., "Improved Efficiency of Somatic Embryogenesis and Plant Regeneration in Tissue Cultures of Maize (*Zea mays L.*)", Theor. Appl. Genet., 66, 285-289, (1983).
- Lu, C., et al., "Somatic Embryogenesis in *Zea mays L.*", Theor. Appl. Genet., 62, 109-112, (1982).
- Luckow, V.A., et al., "Trends in the Development of Baculovirus Expression Vectors", Bio/Technology, 6, 47-55, (Jan., 1988).
- Lüthy, P., "Insecticidal Toxins of *Bacillus thuringiensis*", FEMS Microbiology Letters, 8, 1-7, (1980).
- Maas, C., et al., "A Highly Optimized Monocot Expression Cassette: Applications for Barley Transformation and Barley Virus Research", Program and Abstracts, International Society for Plant Molecular Biology, Third International Congress, Tucson, AZ, Abstract No. 386, (Oct. 6-11, 1991).
- Mackey, C.J., et al., "Transgenic Maize", In: Transgenic Plants, Vol. 2, Kung, S.-D., et al., (eds.), Academic Press, Inc., 21-33, (Oct., 1992).
- Maddock, S.E., et al., "Expression in Maize Plants of Wheat Germ Agglutinin, a Novel Source of Insect Resistance", Program and Abstracts, International Society for Plant Molecular Biology, Third International Congress, Tucson, AZ, Abstract No. 372, (Oct. 6-11, 1991).

Examiner

Deeerd DJ

Date Considered

5/7/94

*Substitute Disclosure Statement Form (PTO-1449)

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	Filing Date: August 25, 1993	Group: 1804 1638

OTHER DOCUMENTS

**Examiner Initial

(Including Author, Title, Date, Pertinent Pages, Etc.)

DD	Malan, C., et al., "Correlation Between CuZn Superoxide Dismutase and Glutathione Reductase, and Environmental and Xenobiotic Stress Tolerance in Maize Inbreds", <u>Plant Science</u> , 69, 157-166, (1990).
	Mangano, M.L., et al., "Long-Term Cold Storage of Regenerable Maize Callus", <u>In Vitro Cellular and Developmental Biology</u> , 25, Abstract No. 224, p. 66A, (Mar., 1989).
	Mariani, C., et al., "Engineered Male Sterility in Plants", <u>Symposia of the Society for Experimental Biology</u> , Number XLV, Proceedings of a Meeting Held at the University of Glasgow, Scotland, 271-279, (1991).
	Mariani, T., et al., "The Production and Analysis of Genetically-Engineered Male-Sterile Plants of Maize", <u>Abstracts</u> , 35th Annual Maize Genetics Conference, St. Charles, IL, Poster No. 46, p. 45, (Mar. 18-21, 1993).
	Marks, M.D., et al., "Nucleotide Sequence Analysis of Zein mRNAs from Maize Endosperm", <u>The Journal of Biological Chemistry</u> , 260, 16451-16459, (Dec. 25, 1985).
	Martens, J.W.M., et al., "Insecticidal Activity of a Bacterial Crystal Protein Expressed by a Recombinant Baculovirus in Insect Cells", <u>Applied and Environmental Microbiology</u> , 56, 2764-2770, (Sep., 1990).
	Matthews, B.F., et al., "Nutritional Improvement of the Aspartate Family of Amino Acids in Edible Crop Plants", <u>Amino Acids</u> , 4, 21-34, (1993).
	McCabe, D.E., et al., "Stable Transformation of Soybean (<i>Glycine max</i>) by Particle Acceleration", <u>Bio/Technology</u> , 6, 923-926, (Aug., 1988).
	McCue, K.F., et al., "Drought and Salt Tolerance: Towards Understanding and Application", <u>TIBTECH</u> , 8, 358-362, (Dec., 1990).
	McElroy, D., et al., "Isolation of an Efficient Actin Promoter for Use in Rice Transformation", <u>The Plant Cell</u> , 2, 163-171, (Feb., 1990).
✓	Merryweather, A.T., et al., "Construction of Genetically Engineered Baculovirus Insecticides Containing the <i>Bacillus thuringiensis</i> subsp. <i>Kurstaki</i> HD-73 Delta Endotoxin", <u>Journal of General Virology</u> , 71, 1535-1544, (1990).

Examiner

Deirdre J. W.

Date Considered

5/7/94

*Substitute Disclosure Statement Form (PTO-1449)

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1638

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner
Initial

<u>DDF</u>	Mikula, B.C., "Programming Heritable Epigenetic Change in Gene Expression with Temperature and Light", <u>Abstracts, 35th Annual Maize Genetics Conference</u> , St. Charles, IL, p. 5, (Mar. 18-21, 1993).
	Milborrow, B.V., "Abscisic Acid and Other Hormones", In: <u>The Physiology and Biochemistry of Drought Resistance in Plants</u> , Paleg, L.G., et al., (eds.), Academic Press, New York, pp 347-388, (1981).
	Mink, G.I., "Pollen- and Seed-Transmitted Viruses and Viroids", <u>Annu. Rev. Phytopathol.</u> , <u>31</u> , 375-402, (1993).
	Molnar, S.J., et al., "Initiation of Totipotent Tissue Cultures from Undeveloped Axillary and Secondary Ears", <u>Maize Genetics Cooperation Newsletter</u> , <u>54</u> , 52-53, (Mar. 31, 1980).
	Montoliu, L., et al., "A Tandem of α -Tubulin Genes Preferentially Expressed in Radicular Tissues from <u>Zea mays</u> ", <u>Plant Molecular Biology</u> , <u>14</u> , 1-15, (1989).
	Morikawa, H., et al., "Gene Transfer into Intact Plant Cells by Electroporation Through Cell Walls and Membranes", <u>Gene</u> , <u>41</u> , 121-124, (1986).
	Morris, G.D.L., "Ciba-Geigy Enters the \$1.5-Billion/Year Corn Biotech Race", <u>Chemical Week</u> , (Sept. 12, 1990).
	Mundy, J., et al., "Abscisic Acid and Water-Stress Induce the Expression of a Novel Rice Gene", <u>The EMBO Journal</u> , <u>7</u> , 2279-2286, (1988).
	Mundy, J., et al., "Selective Expression of a Probable Amylase/Protease Inhibitor in Barley Aleurone Cells: Comparison to the Barley Amylase/Subtilisin Inhibitor", <u>Planta</u> , <u>169</u> , 51-63, (1986).
	Murashige, T., et al., "A Revised Medium for Rapid Growth and Bio Assays with Tobacco Tissue Cultures", <u>Physiol. Plant.</u> , <u>15</u> , 473-497, (1962).
<u>↓</u>	Murphy, D.W., et al., "Bacillus thuringiensis Enzyme-Digested Delta Endotoxin: Effect on Cultured Insect Cells", <u>Science</u> , <u>194</u> , 954-956, (Nov. 26, 1976).

Examiner

*Substitute Disclosure Statement Form (PTO-1449)

Date Considered

5/7/94

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Group: ~~N804~~

1638

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner
Initial

- Murray, E.E., et al., "Analysis of Unstable RNA Transcripts of Insecticidal Crystal Protein Genes of *Bacillus thuringiensis* in Transgenic Plants and Electroporated Protoplasts", *Plant Molecular Biology*, 16, 1035-1050, (1991).
- Murray, E.E., et al., "Codon Usage in Plant Genes", *Nuc. Acids Res.*, 17, 477-498, (1989).
- Nelson, R.S., et al., "Virus Tolerance, Plant Growth, and Field Performance of Transgenic Tomato Plants Expressing Coat Protein from Tobacco Mosaic Virus", *Bio/Technology*, 6, 403-409, (Apr., 1988).
- Nishida, I., et al., "The Gene and the RNA for the Precursor to the Plastid-Located Glycerol-3-phosphate Acyltransferase of *Arabidopsis thaliana*", *Plant Molecular Biology*, 21, 267-277, (1993).
- Nishiitsutsuji-Uwo, J., et al., "Mode of Action of *Bacillus thuringiensis* δ-Endotoxin: Effect on TN-368 Cells", *Journal of Invertebrate Pathology*, 34, 267-275, (1979).
- Niyogi, K.K., et al., "Suppressors of *trp1* Fluorescence Identify a New *Arabidopsis* Gene, *TRP4*, Encoding the Anthranilate Synthase β Subunit", *The Plant Cell*, 5, 1011-1027, (1993).
- Niyogi, K.K., et al., "Two Anthranilate Synthase Genes in *Arabidopsis*: Defense-Related Regulation of the Tryptophan Pathway", *The Plant Cell*, 4, 721-733, (1992).
- O'Reilly, D.R., et al., "A Baculovirus Blocks Insect Molting by Producing Ecdysteroid UDP-Glucosyl Transferase", *Science*, 245, 1110-1112, (Sep. 8, 1989).
- Ochatt, S.J., et al., "Selection for Salt/Drought Tolerance Using Isolated Protoplasts and Protoplast-Derived Calli of Colt Cherry (*Prunus avium* x *pseudocerasus*)", In: *Progress in Plant Protoplast Research*, Puite, K.J., et al., (eds.), Kluwer Academic Publishers, Dordrecht, The Netherlands, 391-392, (1988).
- Oeda, K., et al., "Formation of Crystals of the Insecticidal Proteins of *Bacillus thuringiensis* subsp. *aizawai* IPL7 in *Escherichia coli*", *Journal of Bacteriology*, 171, 3568-3571, (June, 1989).

Examiner

Date Considered

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OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

DKF
**Examiner
Initial

Pang, Y., et al., "Synthesis and Toxicity of Full-Length and Truncated Bacterial CryIVD Mosquitocidal Proteins Expressed in Lepidopteran Cells Using a Baculovirus Vector", <u>Journal of General Virology</u> , <u>73</u> , 89-101, (1992).
Park, W.D., et al., "High-Level, Sucrose-Inducible Expression of a Chimeric Patatin-GUS Gene In Leaf Explants of Transgenic Tobacco Plants", <u>Journal of Cellular Biochemistry</u> , <u>13D</u> , Abstract No. M 343, p. 310, (Mar. 27-Apr. 7, 1989).
Parker, W.B., et al., "Selection and Characterization of Sethoxydim-Tolerant Maize Tissue Cultures", <u>Plant Physiol.</u> , <u>92</u> , 1220-1225, (1990).
Paszkowski, J., et al., "Direct Gene Transfer to Plants", <u>The EMBO Journal</u> , <u>3</u> , 2717-2722, (1984).
Perlak, F.J., et al., "Expression of <u>Bacillus thuringiensis</u> Proteins in Transgenic Plants", In: <u>Biotechnology, Biological Pesticides and Novel Plant-Pest Resistance for Insect Pest Management</u> , Roberts, D.W., et al., (eds.), Insect Pathology Resource Center, Boyce Thompson Institute for Plant Research, Cornell University, Ithaca, NY, 77-81, (July 18-20, 1988).
Perlak, F.J., et al., "Genetically Improved Potatoes: Protection from Damage by Colorado Potato Beetles", <u>Plant Molecular Biology</u> , <u>22</u> , 313-321, (1993).
Perlak, F.J., et al., "Insect Resistant Cotton Plants", <u>Bio/technology</u> , <u>8</u> , 939-943, (Oct., 1990).
Piatkowski, D., et al., "Characterization of Five Abscisic Acid-Responsive cDNA Clones Isolated from the Desiccation-Tolerant Plant <u>Craterostigma plantagineum</u> and Their Relationship to Other Water-Stress Genes", <u>Plant Physiology</u> , <u>94</u> , 1682-1688, (1990).
Poehlman, J.M., In: <u>Breeding Field Crops</u> , 3rd Edition, AVI Publishing Company, Inc., Westport, CT, p. 203-206, (1987).
Poehlman, J.M., In: <u>Breeding Field Crops</u> , 3rd Edition, AVI Publishing Company, Inc., Westport, CT, p. 149-152, (1987).
Poehlman, J.M., In: <u>Breeding Field Crops</u> , 3rd Edition, AVI Publishing Company, Inc., Westport, CT, p. 452, (1987).

Examiner

Noeud

Date Considered

5/7/04

*Substitute Disclosure Statement Form (PTO-1449)

**EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form 1449*	Atty. Docket No.: 950.033US1	Serial No. 08/113,561
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1638

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner
Initial

- DFF | Poethig, R.S., "Maize -- The Plant and Its Parts", In: Maize for Biological Research, Sheridan, W.F., (ed.), Plant Molecular Biology Association., Charlottesville, VA, 9-18, (1982).
- | Porobo-Dessai, A., et al., "Expression of gusA Gene with an Intron in Sweet Potato and Garden Egg Plant", In Vitro Cellular and Developmental Biology, 28, Abstract No. P-1130, 123A, (Mar., 1992).
- | Potrykus, I., et al., "Callus Formation from Cell Culture Protoplasts of Corn (Zea mays L.)", Theor. Appl. Genet., 54, 209-214, (1979).
- | Potrykus, I., et al., "Direct Gene Transfer to Cells of a Graminaceous Monocot", Mol. Gen. Genet., 199, 183-188, (1985).
- | Potrykus, I., et al., "Direct Gene Transfer: State of the Art and Future Potential", Plant Molecular Biology Reporter, 3, 117-128, (1985).
- | Potter, H., et al., "Enhancer-Dependent Expression of Human Kappa Immunoglobulin Genes Introduced into Mouse Pre-B Lymphocytes by Electroporation", Proc. Nat. Acad. Sci. USA, 81, 7161-7165, (1984).
- | Puite, K.J., et al., "Electrofusion, a Simple and Reproducible Technique in Somatic Hybridization of Nicotiana plumbaginifolia mutants", Plant Cell Rep., 4, 274-276, (1985).
- | Rainieri, D.M., et al., "VirA, the Plant-Signal Receptor, is Responsible for the Ti Plasmid-Specific Transfer of DNA to Maize by Agrobacterium", Proc. Natl. Acad. Sci. USA, 90, 3549-3553, (Apr., 1993)
- | Ranch, J.P., et al., "Expression of 5-Methyltryptophan Resistance in Plants Regenerated from Resistant Cell Lines of *Datura innoxia*", Plant Physiol., 71, 136-140, (1983).
- | Randolph, L.F., et al., "Developmental Morphology of the Caryopsis in Maize", Journal of Agricultural Research, 53, 881-916, (Dec. 15, 1936).
- | Rhodes, C.A., et al., "Cytogenetic Stability of Aneuploid Maize Tissue Cultures", Can. J. Genet. Cytol., 28, 374-384, (1986).
- ✓ | Rhodes, C.A., et al., "Factors Affecting Tissue Culture Initiation from Maize Tassels", Plant Science, 46, 225-232, (1986).

Examiner

David J. Ul

Date Considered

5/7/94

*Substitute Disclosure Statement Form (PTO-1449)

**EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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OTHER DOCUMENTS

**Examiner
Initial

(Including Author, Title, Date, Pertinent Pages, Etc.)

- MF*
- Rhodes, C.A., et al., "Genetically Transformed Maize Plants from Protoplasts", Science, 240, 204-207, (Apr., 1988).
- Rice, T.B., "Tissue Culture Induced Genetic Variation in Regenerated Maize Inbreds", Proceedings of the 37th Annual Corn & Sorghum Industry Research Conference, 148-162, (1982).
- Richaud, F., et al., "Chromosomal Location and Nucleotide Sequence of the Escherichia coli dapA Gene", Biol. Abstracts, 82, Abstract No. 3396, p. 391, (1986).
- Rosahl, S., et al., "Expression of a Tuber-Specific Storage Protein In Transgenic Tobacco Plants: Demonstration of an Esterase Activity", EMBO J., 6, 1155-1159, (1987).
- Roth, B.A., et al., "C1- and R-Dependent Expression of the Maize Bz1 Gene Requires Sequences with Homology to Mammalian myb and myc Binding Sites", The Plant Cell, 3, 317-325, (Mar., 1991).
- Roth, B.A., et al., "Genetic Regulation of Transient Expression of Maize Anthocyanin Pathway Genes Introduced into Intact Maize Tissues by Microprojectile Bombardment", Journal of Cellular Biochemistry, 13D, Abstract No. M 344, p. 310, (Mar. 27-Apr. 7, 1989).
- Roush, R.T., et al., "Ecological Genetics of Insecticide and Acaricide Resistance", Ann. Rev. Entomol., 32, 361-380, (1987).
- Russell, J.A., et al., "Physical Trauma and Tungsten Toxicity Reduce the Efficiency of Biolistic Transformation", Plant Physiol., 98, 1050-1056, (1992).
- Ryan, A.J., et al., "The Expression of the Napin Gene Under the Control of Its Own Promoter in Transgenic Tobacco Plants", Journal of Cellular Biochemistry, 13D, Abstract No. M 345, p. 310, (Mar. 27-Apr. 7, 1989).
- Sanford, J.C., "The Biolistic Process", Plant Physiology, 89, Abstract No. 9, 2, (Apr., 1989).
- Sanford, J.C., "The Biolistic Process", Trends in Biotechnology, 6, 299-302, (1988).

Examiner

DeeDee M

Date Considered

5/7/04

*Substitute Disclosure Statement Form (PTO-1449)

**EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Group: 1804

1638

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner
Initial

D	Sanford, J.C., et al., "Delivery of DNA into Regenerable Tissues of Monocots, Using High-Velocity Microparticles", Grant Application No. 86-0183, United States Department of Agriculture, Science and Education, 48 p., (Feb. 27, 1986).
	Sass, J.E., "Comparative Leaf Number in the Embryos of Some Types of Maize", <u>Iowa State Coll. J. Sci.</u> , 25, 509-512, (1951).
	Schäfer, W., et al., "T-DNA Integration and Expression in a Monocot Crop Plant after Induction of Agrobacterium", <u>Nature</u> , 327, 529-532, (June 11, 1987)
	Schardl, C.L., et al., "Design and Construction of a Versatile System for the Expression of Foreign Genes in Plants", <u>Gene</u> , 61, 1-11, (1987).
	Schnepf, H.E., et al., "Delineation of a Toxin-Encoding Segment of a <i>Bacillus thuringiensis</i> Crystal Protein Gene", <u>The Journal of Biological Chemistry</u> , 260, 6273-6280, (1985).
	Schnepf, H.E., et al., "Specificity-Determining Regions of a Lepidopteran-Specific Insecticidal Protein Produced by <i>Bacillus thuringiensis</i> ", <u>The Journal of Biological Chemistry</u> , 265, 20923-20930, (Dec. 5, 1990).
	Sewell, G.H., et al., "Irish Potato, Control of Potato-Infesting Aphids, 1991", <u>Insecticidal and Acaricide Tests: 1992</u> , 17, Abstract No. 80E, p. 138, (1992).
	Sewell, G.H., et al., "Transgenic Potato Plants, Control of Colorado Potato Beetle, 1991", <u>Insecticidal and Acaricide Tests: 1992</u> , 17, Abstract No. 81E, p. 138-139, (1992).
	Shaner, D.L., et al., "Mechanism of Action of the Imidazolinones and Cell Culture Selection of Tolerant Maize", In: <u>Biotechnology in Plant Sciences</u> , Zaitlin, M., et al., (eds.), Academic Press, Orlando, FL, 287-299, (1985).
	Sharman, B.C., "Developmental Anatomy of the Shoot of Zea mays L.", <u>Annals of Botany</u> , VI, 246-281, (Apr., 1942)
	Shields, R., "Towards Insect-Resistant Plants", <u>Nature</u> , 328, 12-13, (July 2, 1987).

Examiner

DeeDee

Date Considered

5/7/94

*Substitute Disclosure Statement Form (PTO-1449)

**EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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1638

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner
Initial

- DJ Shigekawa, K., et al., "Electroporation of Eukaryotes and Prokaryotes: A General Approach to the Introduction of Macromolecules into Cells", BioTechniques, 6, 742-751, (1988).
- Shillito, R.D., et al., "High Efficiency Direct Gene Transfer to Plants", Bio/Technology, 3, 1099-1103, (1985).
- Shivakumar, A.G., et al., "Vegetative Expression of the δ-Endotoxin Genes of Bacillus thuringiensis subsp. kurstaki in Bacillus subtilis", Journal of Bacteriology, 166, 194-204, (Apr., 1986).
- Shotwell, M.A., et al., "Analysis of Seed Storage Protein Genes of Oats", The Journal of Biological Chemistry, 265, 9652-9658, (June 15, 1990).
- Shotwell, M.A., et al., "The Biochemistry and Molecular Biology of Seed Storage Proteins", In: The Biochemistry of Plants, Vol. 15, Marcus, A., (ed.), Academic Press, Inc., San Diego, CA, pp. 297-345, (1989).
- Smith, G.E., et al., "Molecular Engineering of the Autographa californica Nuclear Polyhedrosis Virus Genome: Deletion Mutations Within the Polyhedrin Gene", Journal of Virology, 46, 584-593, (May, 1983)
- Smith, I.K., et al., "Properties and Functions of Glutathione Reductase in Plants", Physiol. Plant., 77, 449-456, (1989).
- Soberon, X., et al., "Construction and Characterization of New Cloning Vehicles. IV. Deletion Derivatives of pBR322 and pBR325", Gene, 9, 287-305, (1980).
- Somers, D.A., et al., "Fertile, Transgenic Oat Plants", Bio/Technology, 10, 1589-1594, (Dec., 1992).
- Songstad, D.D., et al., "Transient Expression of GUS and Anthocyanin Constructs in Intact Maize Immature Embryos Following Electroporation", Plant Cell, Tissue and Organ Culture, 33, 195-201, (1993).
- Sorenson, K.A., et al., "Colorado Potato Beetle Control with Bioinsecticides, 1991", Insecticide and Acaricide Tests: 1992, 17, Abstract No. 84E, p. 139, (1992).

Examiner

Substitute Disclosure Statement Form (PTO-1449)

Date Considered

5/7/84

**EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	Filing Date: August 25, 1993	Group: 1804

(1638)

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner
Initial

DDF	St. Julian, G., et al., "Bacteria, Spirochetes, and Rickettsia as Insecticides", <u>Annals of the New York Academy of Sciences</u> , 217, 65-75, (1973).
	Stalker, D.M., et al., "Herbicide Resistance in Transgenic Plants Expressing a Bacterial Detoxification Gene", <u>Science</u> , 242, 419-422, (Oct. 21, 1988).
	Stark, D.M., et al., "Regulation of the Amount of Starch in Plant Tissues by ADP Glucose Pyrophosphorylase", <u>Science</u> , 258, 287-291, (Oct. 9, 1992).
	Stiefel, V., et al., "Expression of a Maize Cell Wall Hydroxyproline-Rich Glycoprotein Gene in Early Leaf and Root Vascular Differentiation", <u>The Plant Cell</u> , 2, 785-793, (Aug., 1990).
	Stolle, C.A., et al., "Cellular Factor Affecting the Stability of β -globulin mRNA", <u>Gene</u> , 62, 65-74, (1988).
	Stougaard, J., "Substrate-Dependent Negative Selection in Plants Using a Bacterial Cytosine Deaminase Gene", <u>The Plant Journal</u> , 3, 755-761, (1993).
	Strauch, E., et al., "Cloning of a Phosphinothricin N-Acetyltransferase Gene from <i>Streptomyces Viridochromogenes</i> Tu494 and its Expression in <i>Streptomyces lividans</i> and <i>Escherichia coli</i> ", <u>Gene</u> , 63, 65-74, (1988).
	Stroo, H.F., et al., "Heterotrophic Nitrification in an Acid Forest Soil and by an Acid-Tolerant Fungus", <u>Applied and Environmental Microbiology</u> , 52, 1107-1111, (Nov., 1986).
	Sukhapinda, K., et al., "Maize Haploid Protoplast Transformation and Regeneration of Transgenic Plants", <u>In Vitro Cellular and Developmental Biology</u> , 28, Abstract No. P-1132, p. 123A, (Mar., 1992).
	Suprasanna, P., et al., "Plantlet Regeneration from Glume Calli of Maize (<i>Zea mays L.</i>)", <u>Theor. Appl. Genet.</u> , 72, 120-122, (1986).
	Suttie, J., et al., "Use of Different Selection Agents to Produce Maize Transformants of an Elite Genotype Using Microprojectile Bombardment", <u>Program and Abstracts, International Society for Plant Molecular Biology, Third International Congress</u> , Tucson, AZ, Abstract No. 426, (Oct. 6-11, 1991).

Examiner

*Substitute Disclosure Statement Form (PTO-1449)

Date Considered

1/1/94

**EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	Filing Date: August 25, 1993	Group: 1804

1638

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner
Initial

- Thomas, W.E., et al., "Mechanism of Action of *Bacillus thuringiensis* var *israelensis* Insecticidal δ-Endotoxin", *FEBS Letters*, 154, 362-368, (Apr. 1983).
- Tojo, A., et al., "Dissolution and Degradation of *Bacillus thuringiensis* δ-Endotoxin by Gut Juice Protease of the Silkworm *Bombyx mori*", *Applied and Environmental Microbiology*, 45, 576-580, (Feb. 1983).
- Tomes, D.T., "Cell Culture, Somatic Embryogenesis and Plant Regeneration in Maize, Rice, Sorghum and Millets", In: *Cereal Tissue and Cell Culture*, Bright, S.W.J., et al., (eds.), Martinus Nijhoff/Dr. W. Junk, Amsterdam, The Netherlands, 175-203, (1985).
- Tomes, D.T., "Initiation of Embryogenic Callus Cultures from Immature Embryos of Elite Corn (*Zea mays L.*) Germplasm", *In Vitro*, 20, Abstract No. 146, 276-277, (Mar., 1984).
- Tomes, D.T., et al., "The Effect of Parental Genotype on Initiation of Embryogenic Callus from Elite Maize (*Zea mays L.*) Germplasm", *Theor. Appl. Genet.*, 70, 505-509, (1985).
- Torne, J.M., et al., "Regeneration of Plants from Mesocotyl Tissue Cultures of Immature Embryos of *Zea mays L.*", *Plant Science Letters*, 17, 339-344, (1980).
- Ulian, E., et al., "Transformation of Plants via the Shoot Apex", *In Vitro Cellular & Developmental Biology*, 9, 951-954, (1988).
- Usami, S., et al., "Absence in Monocotyledonous Plants of the Diffusible Plant Factors inducing T-DNA Circularization and vir Gene Expression in *Agrobacterium*", *Mol. Gen. Genet.*, 209, 221-226, (1987).
- Vaeck, M., et al., "Bacillus thuringiensis Endotoxin Gene Expression and Insect Resistance in Higher Plants", *Pesticide Science*, 20, 319-320, (1987).
- Vaeck, M., et al., "Engineering Improved Crops for Agriculture: Protection from Insects and Resistance to Herbicides", In: *Plant Gene Systems and Their Biology*, Key, J.L., et al., (eds.), Alan R. Liss, Inc., New York, 171-181, (1987).

Examiner

Date Considered

*Substitute Disclosure Statement Form (PTO-1449)

**EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Filing Date: August 25, 1993

Group: 1804

(638)

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner
Initial

Vaeck, M., et al., "Engineering of Insect Resistant Plants Using a <i>B. thuringiensis</i> Gene", <u>In: Molecular Strategies for Crop Protection</u> , New York, Alan R. Liss, Inc., 355-366, (1987).
Vaeck, M., et al., "Insect Resistance in Transgenic Plants Expressing <i>Bacillus thuringiensis</i> Toxin Gens", <u>An. Soc. Entomol. Brasil.</u> 16, 427-435, (1987).
Vaeck, M., et al., "Protein Engineering in Plants: Expression of <i>Bacillus thuringiensis</i> Insecticidal Protein Genes", <u>Cell Culture and Somatic Cell Genetics of Plants</u> , 6, 425-439, (1989).
Vaeck, M., et al., "Transgenic Plants Protected from Insect Attack", <u>Nature</u> , 328, 33-37, (July 2, 1987).
Van den Broeck, G., et al., "Targeting of a Foreign Protein to Chloroplasts by Fusion to the Transit Peptide from the Small Subunit of Ribulose 1,5-bisphosphate Carboxylase", <u>Nature</u> , 313, 358-363, (Jan. 31, 1985).
van den Elzen, P.J., et al., "A Chimaeric Hygromycin Resistance Gene as a Selectable Marker in Plant Cells", <u>Plant Molecular Biology</u> , 5, 299-302, (1985).
van den Elzen, P.J., et al., "Simple Binary Vectors for DNA Transfer to Plant Cells", <u>Plant Molecular Biology</u> , 5, 149-154, (1985).
Van Lammeren, A.A., "Developmental Morphology and Cytology of the Young Maize Embryo (<i>Zea mays</i> L.)", <u>Acta Bot. Neerl.</u> , 35, 169-188, (Aug., 1986).
Vasil, I.K., "Isolation and Culture of Protoplasts of Grasses", <u>International Review of Cytology</u> , Supplement 16, Bourne, G.H., et al., (eds.), Academic Press, New York, 79-88, (1983).
Vasil, I.K., et al., "Culture of Protoplasts Isolated from Embryogenic Cell Suspension Cultures of Sugarcane and Maize", <u>IAPTC Abstracts</u> , p. 443, (1986).
Vasil, V., et al., "Histology of Somatic Embryogenesis in Cultured Immature Embryos of Maize (<i>Zea mays</i> L.)", <u>Protoplasma</u> , 127, 1-8, (1985).

Examiner

*Substitute Disclosure Statement Form (PTO-1449)

Date Considered

**EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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DJF
**Examiner
Initial

OTHER DOCUMENTS
(Including Author, Title, Date, Pertinent Pages, Etc.)

- Vasil, V., et al., "Isolation and Maintenance of Embryogenic Cell Suspension Cultures of Gramineae", In: Cell Culture and Somatic Cell Genetics of Plants, Vol. I, Academic Press, pp. 152-158, (1984).
- 1 Vasil, V., et al., "Regeneration of Plants from Embryogenic Suspension Culture Protoplasts of Wheat (*Triticum aestivum L.*)", Bio/Technology, 8, 429-434, (May, 1990).
- Vernon, D.M., et al., "A Novel Methyl Transferase Induced by Osmotic Stress in the Facultative Halophyte *Mesembryanthemum crystallinum*", The EMBO Journal, 11, 2077-2085, (1992).
- Viotti, A., et al., "Each Zein Gene Class Can Produce Polypeptides of Different Sizes", The EMBO J., 4, 1103-1110, (1985).
- Visser, B., et al., "Transgenic Tobacco Plants Expressing a Modified *Bacillus thuringiensis cryIC* Gene", Journal of Cellular Biochemistry, Supplement 16F, Abstract No. Y 136, p. 213, (Apr. 3-16, 1992).
- Wan, Y., et al., "Maize Transformation and Regeneration of Transgenic Plants by Microprojectile Bombardment of Type I Callus", Abstracts, 35th Annual Maize Genetics Conference, St. Charles, IL, p. 5, (Mar. 18-21, 1993).
- Wang, Y.C., et al., "Transient Expression of Foreign Genes in Rice, Wheat and Soybean Cells Following Particle Bombardment", Plant Molecular Biology, 11, 433-439, (1988).
- Warren, G.W., et al., "Field Evaluation of Transgenic Tobacco Containing a *Bacillus thuringiensis* Insecticidal Protein Gene", Journal of Economic Entomology, 85, 1651-1659, (1992).
- Watson, S.A., "Corn Marketing, Processing and Utilization", In: Corn and Corn Improvement, 3rd Edition, Sprague, G.F., et al., (eds.), American Society of Agronomy, Inc., et al., Madison, WI, 881-939, (1988).
- Webb, R.P., et al., "Superoxide Dismutase Gene Expression in Transgenic Plants", Journal of Cellular Biochemistry, Supplement 16F, Abstract No. Y 137, 213, (Apr. 3-16, 1992).

Examiner

David J. F.
*Substitute Disclosure Statement Form (PTO-1449)

Date Considered

5/7/94

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Group: 1804

(1638)

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner
Initial

- DP*
- Weck, E., "Are Colorized DNA Sequences an Application of Fuzzy Logic?", Abstracts, 35th Annual Maize Genetics Conference, St. Charles, IL, Poster No. 45, (Mar. 18-21, 1993).
- Weeks, J.T., et al., "Rapid Production of Multiple Independent Lines of Fertile Transgenic Wheat (*Triticum aestivum*)", Plant Physiol., 102, 1077-1084, (1993).
- Weigel, Jr., R.C., et al., "Somatic Embryogenesis in Barley", In Vitro, 20, Abstract No. 147, p. 277, (Mar., 1984).
- Weissinger, A., et al., "Maize Transformation via Microprojectile Bombardment", In: Genetic Improvements of Agriculturally Important Crops, Fraley, R.T., et al., (eds.), Cold Spring Harbor Laboratory, Cold Spring Harbor, NY, 21-25, (1988).
- Weissinger, A., et al., "Microprojectile Bombardment for Maize Transformation", In Vitro Cellular and Developmental Biology, 23, Program Issue, 38th Annual Meeting of the Tissue Culture Association, Washington, D.C., Abstract No. 254, (Mar., 1987).
- Wernicke, W., et al., "Adventitious Embryoid and Root Formation from Rice Leaves", Z. Pflanzenphysiol. Bd., 103, 361-365, (1981).
- Werr, W., et al., "Structure of the Sucrose Synthase Gene on Chromosome 9 of *Zea mays* L.", The EMBO Journal, 4, 1373-1380, (1985).
- White, D.W., et al., "Auxin-Inducible Response Promoter Elements", Journal of Cellular Biochemistry, Supplement 16F, Abstract No. Y 138, 213, (Apr. 3-16, 1992).
- Whitely, H.R., et al., "The Molecular Biology of Parasporal Crystal Body Formation in *Bacillus thuringiensis*", Ann. Rev. Microbiol., 40, 549-576, (1986).
- Williams, R., et al., "Expression of the Maize Homeobox Gene Knotted-1 in Transgenic Maize", Abstracts, 35th Annual Maize Genetics Conference, St. Charles, IL, Poster No. 47, p. 46, (Mar. 18-21, 1993).

Examiner

David J. R.

Date Considered

5/7/94

*Substitute Disclosure Statement Form (PTO-1449)

**EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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1638

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner
Initial

- DJF** Williams, S., et al., "Chemical Regulation of *Bacillus thuringiensis* δ-Endotoxin Expression in Transgenic Plants", *Bio/technology*, 10, 540-543, (May, 1992).
- 1 Wilson, F.D., et al., "Resistance of Cotton Lines Containing a *Bacillus thuringiensis* Toxin to Pink Bollworm (Lepidoptera: Gelechiidae) and Other Insects", *J. Econ. Entomol.*, 85, 1516-1521, (1992).
- Withers, L., et al., "Proline: A Novel Cryoprotectant for the Freeze Preservation of Cultured Cells of *Zea mays* L.", *Plant Physiology*, 64, 675-678, (1979).
- Witt, D.P., et al., "Cytotoxicity of *Bacillus thuringiensis* δ-Endotoxins to Cultured Cf-1 Cells Does Not Correlate with In Vivo Activity Toward Spruce Budworm Larvae", In: *Fundamental and Applied Aspects of Invertebrate Pathology*, Samson, R.A., et al., (eds.), Fourth International Colloquium of Invertebrate Pathology, Wangingen, The Netherlands, 3-6, (Aug. 18-22, 1986).
- Wohlleben, W., et al., "Nucleotide Sequence of the Phosphinothricin N-Acetyltransferase Gene from *Streptomyces viridochromogenes* Tu494 and Its Expression in *Nicotiana tabacum*", *Gene*, 70, 25-37, (1988).
- Wolter, F.P., et al., "Chilling Sensitivity of *Arabidopsis thaliana* with Genetically Engineered Membrane Lipids", *The EMBO Journal*, 11, 4685-4692, (1992).
- Wong, J.R., et al., "Anthocyanin Regulatory Genes from Maize (B-Peru and C1) Activate the Anthocyanin Pathway in Wheat, Barley and Oat Cells", *Journal of Cellular Biochemistry, Supplement* 15A, 159, (1991).
- Wood, M., "Blast Those Genes!", *Agricultural Research*, 2 p., (June, 1989).
- Wu, S., et al., "Characterization of Chitinase cDNA Clones for Acidic and Basic Isoforms of Maize", *Abstracts, 35th Annual Maize Genetics Conference*, St. Charles, IL, Poster No. 48, p. 46, (Mar. 18-21, 1993).
- Xiang, C., et al., "The Anti-nptII Gene -- A Potential Negative Selectable Marker for Plants", *Plant Physiol.*, 102, 287-293, (1993).

Examiner

*Substitute Disclosure Statement Form (PTO-1449)

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5/7/94

Form 1449*	Atty. Docket No.: 950.033US1	Serial No. 08/113,561
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Applicant: Thomas R. Adams et al.	
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(638)

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner
Initial

- DF*
- | | |
|----------|---|
| | Yamaguchi-Shinozaki, K., et al., "Molecular Cloning and Characterization of 9 cDNAs for Genes that are Responsive to Desiccation in <i>Arabidopsis thaliana</i> : Sequence Analysis of One cDNA Clone that Encodes a Putative Transmembrane Channel Protein", <i>Plant Cell Physiol.</i> , 33, 217-224, (1992). |
| | Yang, H., et al., "Production of Kanamycin Resistant Rice Tissues Following DNA Uptake into Protoplasts", <i>Plant Cell Rep.</i> , 7, 421-425, (1988). |
| | Yang, N.S., et al., "Maize Sucrose Synthase-1 Promoter Directs Phloem Cell-Specific Expression of <i>Gus</i> Gene in Transgenic Tobacco Plants", <i>Proc. Natl. Acad. Sci. USA</i> , 87, 4144-4148, (June, 1990). |
| | Yanisch-Perron, C., et al., "Improved M13 Phage Cloning Vectors and Host Strains: Nucleotide Sequences of the M13mp18 and pUC19 Vectors", <i>Gene</i> , 33, 103-119, (1985). |
| | Yenofsky, R.L., et al., "Isolation and Characterization of a Soybean (<i>Glycine max</i>) Lipoxygenase-3 Gene", <i>Mol. Gen. Genet.</i> , 211, 215-222, (1988). |
| | Yugari, Y., et al., "Coordinated End-Product Inhibition in Lysine Synthesis in <i>Escherichia coli</i> ", <i>Biochem. Biophys. Acta</i> , 62, 612-614, (1962). |
| <i>✓</i> | Zhang, W., et al., "Analysis of Rice <i>Act1</i> 5' Region Activity in Transgenic Rice Plants and the Study of Regulatory Elements in This Region", <i>Journal of Cellular Biochemistry</i> , Supplement 16F, Abstract No. Y 139, p. 213, (Apr. 3-16, 1992). |

Examiner

Date Considered

*Substitute Disclosure Statement Form (PTO-1449)

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Sheet 1 of 1

Form 1449*

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INFORMATION DISCLOSURE STATEMENT
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Applicants: Thomas R. Adams et al.

Filing Date: August 25, 1993

Group: Unknown

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
BB	5,886,244	03/23/1999	Tomes et al.	800	293	06/10/88

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

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